

Herata

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Professor J. Lederberg

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Dear Joshua Sensei.

Thank you very much for telling me about Mitsuhashi's paper. Actually, the R-factor is currently investigated by four groups, Akiba's, Mitsuhashi's, Ochiai's, and Watanabe' (Ryan's student) in this country extensively.

As you pointed out, R-factor is found to be sensitive to acridine treatment, but no markers ~~were~~ known were transferred by R when K-12 was used as the host. This experiments were done ^{both} by Mitsuhashi and Watanabe's group.

Few weeks ago, Mitsuhashi visited my lab. and gave his works on R. He will send ^{one of} his student to my lab. to study genetics of R from more genetical points.

Many interesting phenomena were found by them, for example, R does suppress chromosome-transfer of the host ether they are Hfr or F+, and also inhibit transfer of F from F+ ~~F~~ F⁻.

And also, R seems recombine with each others.

I like to work with the Mitsuhashi's student from next year, spring (his name is Dr. Egawa) in this lab. with special relation with F' factors, and recombination of F' by themselves.

I sent two copies of application form to N.I.H. grant to you by separate mail. Kikkawa and myself are worrying the influence from President Eisenhower's message on Dollar defence program which may possibly effect on ~~our~~ our application and also many students who came back from States are applying to the grants ^{and} make the competition more hard.

I was realized that to set a Lab. is very expensive and time consuming job, and most terrible thing is, fighting with my good friends who also like to buy some instruments for themselves. Anyway, it must be done well, and an autoclave arrived to my lab. for few weeks back, and was very delightful day of this year.

Please give my heartiest greetings to Esther. The coming

ここにも通信文を記載することができます

This space is also for correspondence.

new year ~~is~~, 1961, is called as a year of bull which may means
slow but continuous^{and} steady walk results good future.

Yours sincerely,

Yukinori Hirota
Yukinori Hirota.

